

CCAACCACAA GCACCAAAGC AGAGGGGCGAG GCAGCACACC ACCCAGCAGC CAGAGCACCA	60
GCCCAGCCAT GGTCCCTTGAG GTGAGTGACC ACCAAGTGCT AAATGACGCC GAGGTTGCCG	120
CCCTCCTGGA GAACTTCAGC TCTTCCTATG ACTATGGAGA AAACGAGAGT GACTCGTGCT	180
GTACCTCCCC GCCCTGCCCC CAGGACTTCA GCCTGAACTT CGACCGGGCC TTCCTGCCAG	240
CCCTCTACAG CCTCCTCTTT CTGCTGGGGC TGCTGGGCAA CGGCGCGGTG GCAGCCGTGC	300
TGCTGAGCCG GCGGACAGCC CTGAGCAGCA CCGACACCTT CCTGCTCCAC CTAGCTGTAG	360
CAGACACGCT GCTGGTGCTG ACACTGCCGC TCTGGGCAGT GGACGCTGCC GTCCAGTGGG	420
TCTTTGGCTC TGGCCTCTGC AAAGTGGCAG GTGCCCTCTT CAACATCAAC TTCTACGCAG	480
GAGCCCTCCT GCTGGCCTGC ATCAGCTTTG ACCGCTACCT GAACATAGTT CATGCCACCC	540
AGCTCTACCG CCGGGGGCCC CCGGCCCCGCG TGACCCTCAC CTGCCTGGCT GTCTGGGGGC	600
TCTGCCTGCT TTTCGCCCTC CCAGACTTCA TCTTCCTGTC GGCCCACCAC GACGAGCGCC	660
TCAACGCCAC CCACTGCCAA TACAACCTCC CACAGGTGGG CCGCACGGCT CTGCGGGTGC	720
TGCAGCTGGT GGCTGGCTTT CTGCTGCCCC TGCTGGTCAT GGCCTACTGC TATGCCCACA	780
TCCTGGCCGT GCTGCTGGTT TCCAGGGGCC AGCGGCGCCT GCGGGCCATG CGGCTGGTGG	840
TGGTGGTCGT GGTGGCCTTT GCCCTCTGCT GGACCCCTA TCACCTGGTG GTGCTGGTGG	900
ACATCCTCAT GGACCTGGGC GCTTTGGCCC GCAACTGTGG CCGAGAAAGC AGGGTAGACG	960
TGGCCAAGTC GGTACACCTCA GGCCTGGGCT ACATGCACTG CTGCCTCAAC CCGCTGCTCT	1020
ATGCCTTTGT AGGGGTCAAG TTCCGGGAGC GGATGTGGAT GCTGCTCTTG CGCCTGGGCT	1080
GCCCCAACCA GAGAGGGCTC CAGAGGCAGC CATCGTCTTC CCGCCGGGAT TCATCCTGGT	1140
CTGAGACCTC AGAGGCCTCC TACTCGGGCT TGTGAGGCCG GAATCCGGGC TCCCCTTTTCG	1200
CCCACAGTCT GACTTCCCCG CATTCCAGGC TCCTCCCTCC CTCTGCCGGC TCTGGCTCTC	1260
CCCAATATCC TCGCTCCCCG GACTCACTGG CAGCCCCAGC ACCACCAGGT CTCCCGGGAA	1320
GCCACCCTCC CAGCTCTGAG GACTGCACCA TTGCTGCTCC TTAGCTGCCA AGCCCCATCC	1380
TGCCGCCCCG GGTGGCTGCC TGGAGCCCCA CTGCCCTTCT CATTTGGAAA CTAAAACTTC	1440
ATCTTCCCCA AGTGCGGGGA GTACAAGGCA TGGCGTAGAG GGTGCTGCCC CATGAAGCCA	1500
CAGCCCAGGC CTCCAGCTCA GCAGTGACTG TGGCCATGGT CCCCAGACC TCTATATTTG	1560
CTCTTTTATT TTTATGTCTA AAATCCTGCT TAAAACTTTT CAATAAACAA GATCGTCAGG	1620
ACCTTTTTTT TTTTTTTTTT TTTTTTTTTT TTTTTTTTTT TTTTTTTTTT	1670

FIG. 1

TM1
 MVLEVSDHQVLNDAEVAALLLENFSSSYDYGENESDSCCTSPPCPD[∇]FLNFDRAFLPALYSLLFLIGLLGNGAVAAVLLSRRRTALSS[∇]TDT 90
 TM2 TM3 TM4
 FLHLAVADTLLVLTLPLWAV-DAAVQWVFGSGLCKVAGALFNINFYAGALLLACISFD[∇]RYLNIVHATQLYRRGPPARVTLTCLAVWGLC 179
 TM4 TM5 TM6
 LLFALPDPFI[∇]FLSAHHDERLNATHCQYNFFQVG-----RTALRVLQLVAGFLPLLLVMAYCVAHILAVLLVSRGQRRLL-RAMRLVVVVVV 262
 TM6 TM7
 AFALCWTPTYHLVVVLVDIILMDLGALARNCGRESRV[∇]DVAKSVTSGLG[∇]YMHCCCLNPLLYAFVGVKFRERMMMLLLR---LGCPNQRGLQRQPS 349
 SSR[∇]RDSSWSETSEASYSGL 368

FIG. 2

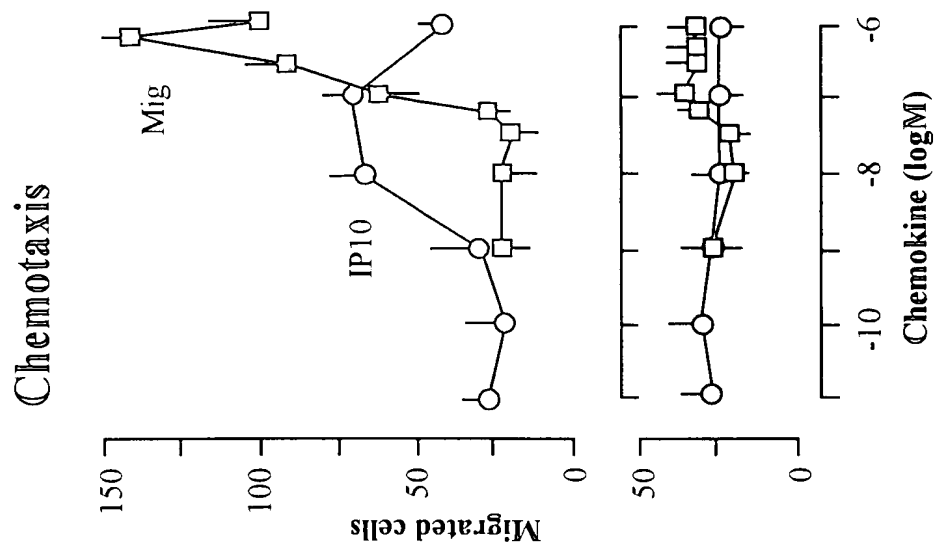
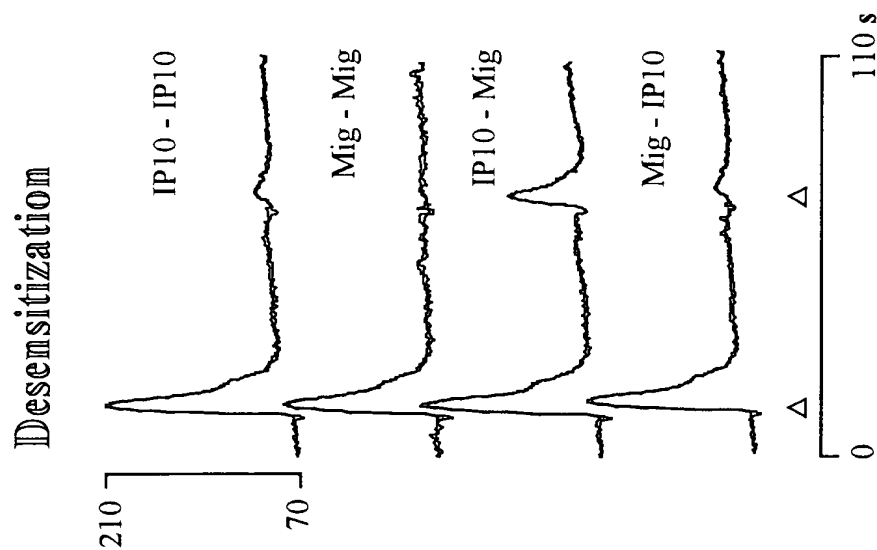
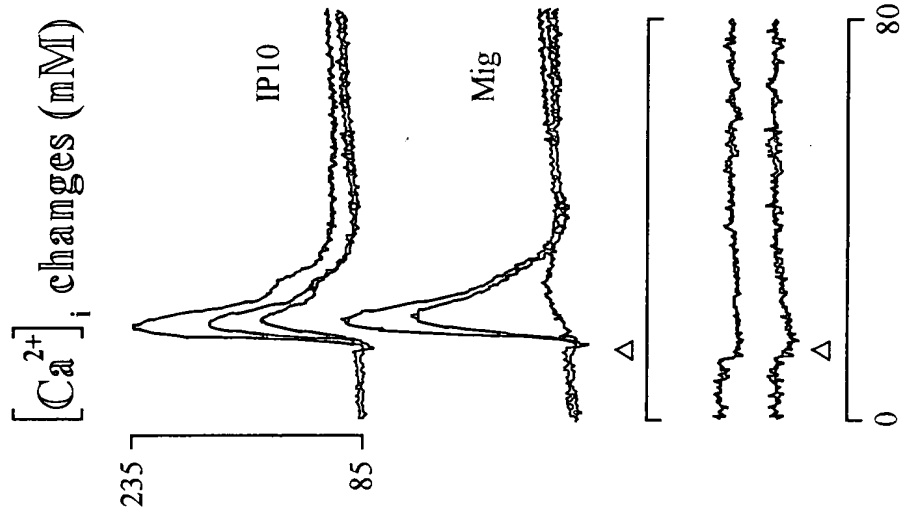


FIG. 3A

FIG. 3B

FIG. 3C

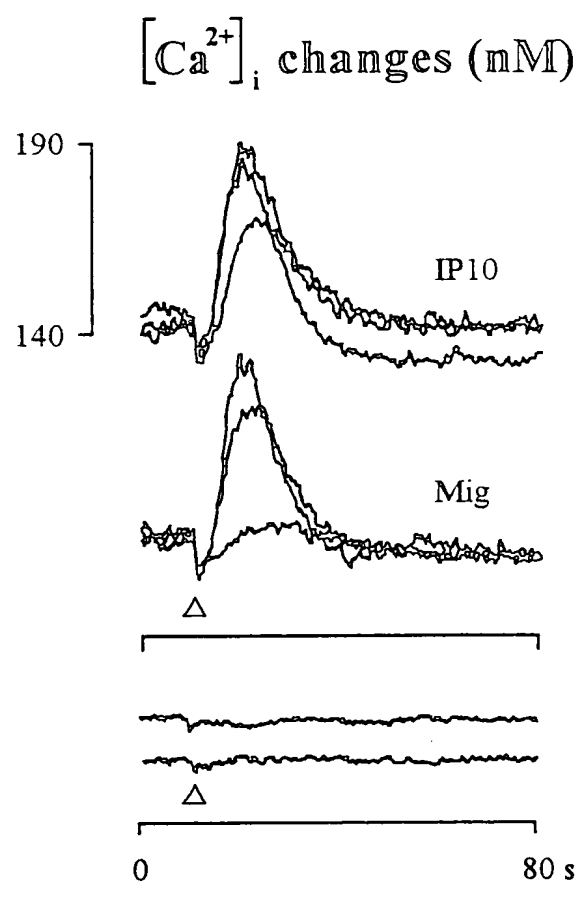


FIG. 4A

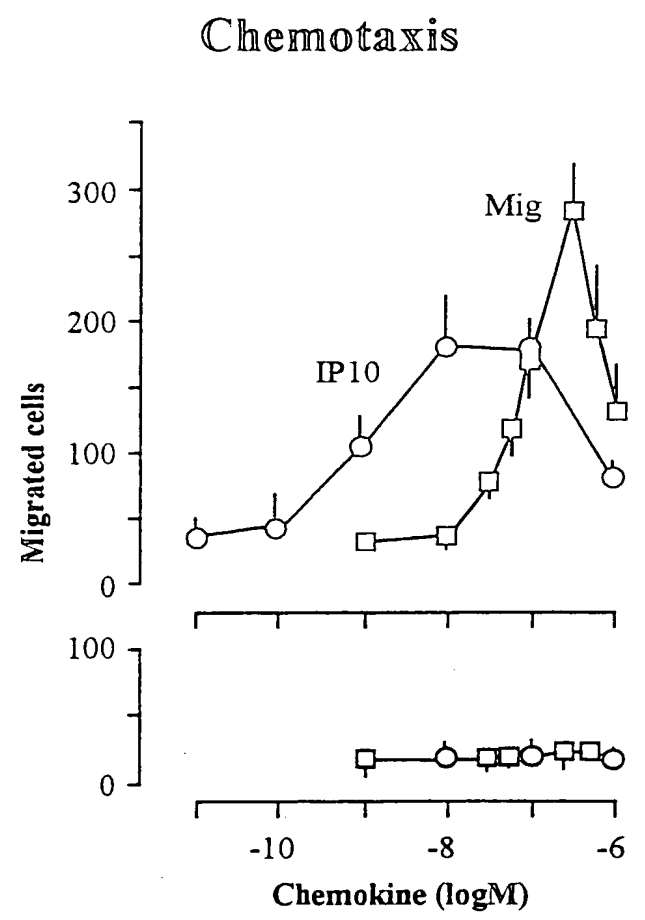


FIG. 4B